

Converting Colors

CIELCh(69, 54.136, 41.226)

Have a look what the booklet for
CIELCh(69, 54.136, 41.226) contains.

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Color

CIELCh(69, 54.061, 41.487)

Conversions

Conversions Part 1

Format	Color
Hex	FB896A
RGB	251, 137, 106
RGB Percent	98%, 54%, 42%
CMY	0.0165, 0.4634, 0.5850
CMYK	0.00, 0.45, 0.58, 0.02
HSL	13°, 95%, 70%
HSV	13°, 58%, 98%
XYZ	51.2173, 39.3444, 18.4830
YIQ	167.5520, 77.8950, 14.5270

Conversions

Conversions Part 2

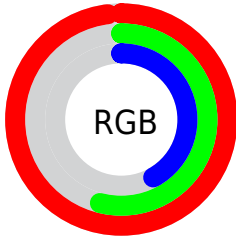
Format	Color
R _Y B	251, 145, 106
Decimal	16484714
CIE Lab	69.00, 40.50, 35.81
CIE LCh	69, 54.061, 41.487
Yxy	39.3444, 0.4697, 0.3608
Android (android.graphics.Color)	4294674794 (0xFFFB896A)
YUV	167.5520, -30.3451, 73.1839
Hunter-Lab	62.7251, 35.9828, 26.4368

Details

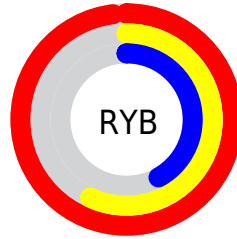
The CIELCh color **69, 54.061, 41.487** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **82, 34.419, 226.361**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 31.743, 54.770**, and **49, 54.044, 41.595** is the 20% darker color. If you saturate the color by 10%, you get **65, 65.641, 42.203**, and if you desaturate by 10%, it is **74, 42.999, 40.992**.

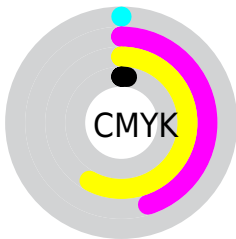
Distribution



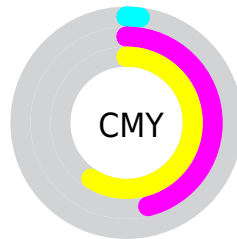
- Red (98%)
- Green (54%)
- Blue (42%)



- Red (98%)
- Yellow (57%)
- Blue (42%)



- Cyan (0%)
- Magenta (45%)
- Yellow (58%)
- Black (2%)



- Cyan (2%)
- Magenta (46%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 54.061, 41.487 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 69, 54.061, 41.487 by changing the saturation by 10% instead.

69, 54.061, 41.487

69, 54.061, 41.487

100, 54.061,
41.487

59, 54.061, 41.487

89, 54.061, 41.487

49, 54.061, 41.487

99, 54.061, 41.487

39, 54.061, 41.487

29, 54.061, 41.487

19, 54.061, 41.487

9, 54.061, 41.487

0, 54.061, 41.487

69, 54.061, 41.487

69, 54.061, 41.487

65, 65.641, 42.203

74, 42.999, 40.992

61, 77.338, 43.038

78, 32.633, 40.709

58, 88.217, 43.685

84, 23.013, 40.613

56, 96.487, 43.504

89, 14.130, 40.660

55, 98.033, 43.470

94, 5.941, 40.781

100, 1.464,
199.765

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69, 54.061, 41.487



82, 34.419, 226.361

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69, 54.061, 41.487



69, 54.061, 91.487



69, 54.061, 221.487



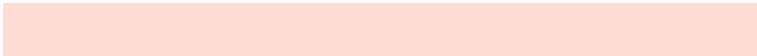
69, 54.061, 271.487

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69, 54.059, 41.491



91, 13.633, 40.668



67, 75.785, 334.482



47, 9.195, 40.648



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69, 54.059, 41.491



65, 67.974, 42.305



85, 55.446, 86.004



49, 4.347, 40.763



42, 78.705, 43.905



11, 28.531, 37.361

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



82, 34.419, 226.361



81, 38.797, 228.789



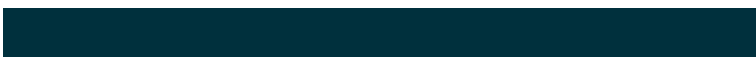
63, 57.077, 284.943



51, 4.099, 221.521



57, 35.327, 238.636



18, 15.769, 232.760

Previews

White Background



This preview shows how the CIELCh color 69, 54.061, 41.487 looks on a white background.

Color Contrast Check

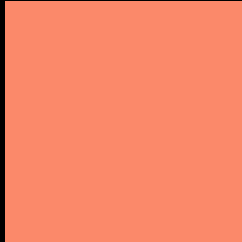
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 54.061, 41.487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 54.061, 41.487

Background



This preview shows how black text looks on a background with the CIELCh color 69, 54.061, 41.487.



This preview shows how white text looks on a background with the CIELCh color 69, 54.061, 41.487.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69, 54.061, 41.487

Protanopia

69, 27.686, 95.972

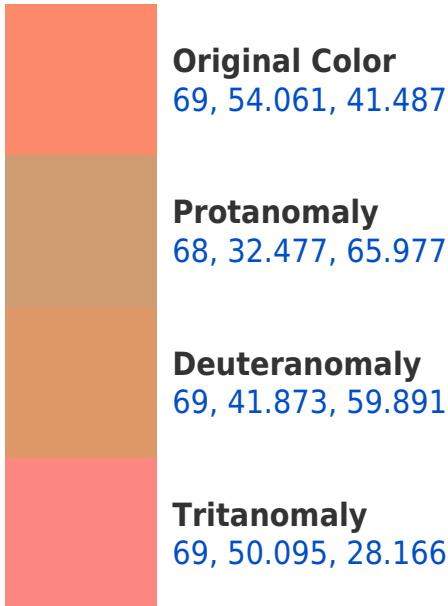
Deuteranopia

69, 38.343, 76.487



Tritanopia
69, 49.539, 19.355

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 54.061, 41.487 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(251, 137, 106)` looks like.

```
.text, #text, p{  
    color:rgb(251, 137, 106)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(251, 137, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 137, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 54.061, 41.487 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(251, 137, 106) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(251, 137, 106) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(251, 137, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 137, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 137, 106);  
box-shadow:4px 4px 4px 4px rgb(251, 137,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 54.061, 41.487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 137, 106) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(251,  
137, 106) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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